

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57092 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 7 2012

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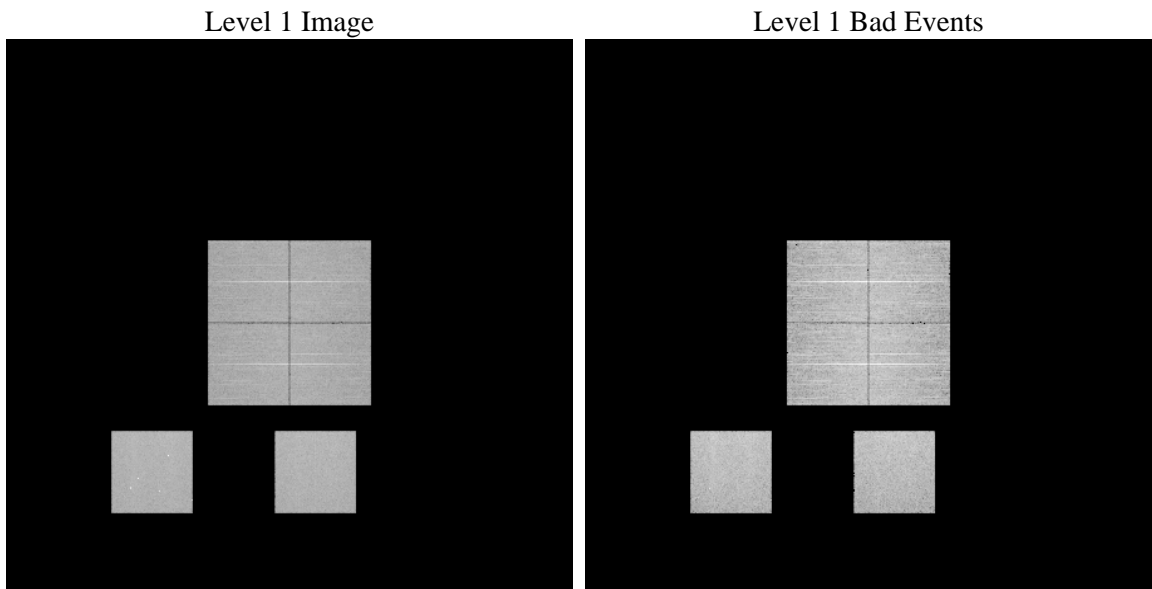
1 Front

seq_num	 	Sequence number
obs_id	57092	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	11.96839576241	Nominal RA [deg]
dec_nom	-28.992242348015	Nominal Dec [deg]
roll_nom	131.55321019613	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8446.9565438032	Sum of GTIs [s]
livetime	8339.996093899	Livetime [s]
ontime0	8446.9155037999	Sum of GTIs [s]
ontime1	8443.633503437	Sum of GTIs [s]
ontime2	8446.8334237933	Sum of GTIs [s]
ontime3	8446.9975838065	Sum of GTIs [s]
ontime5	8446.79238379	Sum of GTIs [s]
ontime7	8446.9565438032	Sum of GTIs [s]
l2events	534762	Number of level 2 events

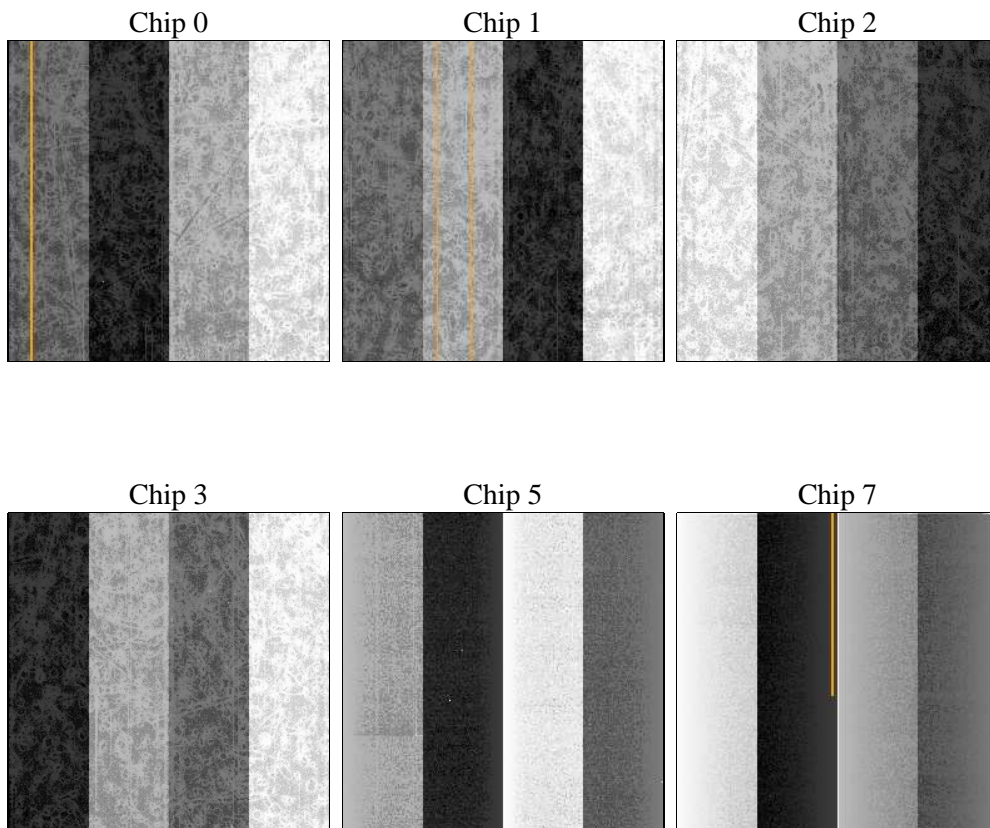
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8446.9565438032	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8446.9155037999	Sum of GTIs [s]
date	2012-06-07T17:19:09	Date and time of file creation	ontime1	8443.633503437	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8446.8334237933	Sum of GTIs [s]
			ontime3	8446.9975838065	Sum of GTIs [s]
			ontime5	8446.79238379	Sum of GTIs [s]
			ontime7	8446.9565438032	Sum of GTIs [s]
			l1events	1022291	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	155735	156877	159504	161506	195130	193539	grade 0 events	42911	41577	44816	44037	15621	21664
rejected events	74932	76131	78317	80846	75914	73652		27%	26%	28%	27%	8%	11%
rejected %	48%	48%	49%	50%	38%	38%	grade 1 events	321	268	380	347	270	177
								0%	0%	0%	0%	0%	0%
							grade 2 events	14880	15809	13629	13787	44385	26200
								9%	10%	8%	8%	22%	13%
							grade 3 events	5497	5242	5519	5554	4684	10755
								3%	3%	3%	3%	2%	5%
							grade 4 events	5268	5221	5454	5519	4521	10571
								3%	3%	3%	3%	2%	5%
							grade 5 events	4054	4205	3923	4500	9381	11474
								2%	2%	2%	2%	4%	5%
							grade 6 events	12277	12929	11796	11788	50040	50734
								7%	8%	7%	7%	25%	26%
							grade 7 events	70527	71626	73987	75974	66228	61964
								45%	45%	46%	47%	33%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	11.96839576241014	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-28.9922423480148	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	131.5532101961259	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	359412276.631463	359412275.60644			
Observation start date	2009-05-22T20:44:37	2009-05-22T20:44:35			
[s] Observation end time (MET)	359422965.331995	359422964.30698			
Observation end date	2009-05-22T23:42:45	2009-05-22T23:42:44			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4469565438032

A.2 Comments